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Attorney Docket No. YOR920040025US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patent Application**

Applicant(s): A.K. Iyengar et al.  
Docket No.: YOR920040025US1  
Serial No.: 10/804,516  
Filing Date: March 19, 2004  
Group: 2661  
Examiner: To Be Assigned

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature: V. Benavente Date: June 25, 2004

Title: Method and Apparatus for Dynamically Scheduling Requests

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants' attorney wishes to bring to the attention of the Patent and Trademark Office the following documents listed on the accompanying Form PTO-1449. A copy of each listed document is enclosed.

U.S. Patent Documents

1. U.S. Application Serial No. 10/316,259 (attorney docket no. YOR920020203US1), filed in the name of A.N. Tantawi et al. on December 10, 2002 and entitled "System and Method for Managing Web Utility Services."

Other Documents

1. H-U. Heiss et al., "Adaptive Load Control in Transaction Processing Systems," Proceedings of the 17th International Conference on Very Large Data Bases, Barcelona, pp. 47-54, September 1991.

2. A. Moenkeberg et al., "Performance Evaluation of an Adaptive and Robust Load Control Method for the Avoidance of Data-Contention Thrashing," Department of Computer Science

Information Systems-Databases, Proc. of the 18th VLDB Conference, Canada, pp. 432-443, August 1992.

3. A. Rhee et al., "The Oracle Database Resource Manager: Scheduling CPU Resources at the Application Level," High Performance Transaction Systems Workshop, 4 pages, 2001.

4. L. Eggert et al., "Application-Level Differentiated Services for Web Servers," USC Information Sciences Institute, Vol. 2, pp. 1-12, February 1999.

5. H. Chen et al., "Session-Based Overload Control in QoS-Aware Web Servers," IEEE Infocom, 9 pages, 2002.

6. X. Chen et al., "An Admission Control Scheme for Predictable Server Response Time for Web Accesses," Proceedings 10th World Wide Web Conference, pp. 545-554, May 2001.

7. J. Carlström et al., "Application-Aware Admission Control and Scheduling in Web Servers," IEEE Proceedings of Infocom, New York, 10 pages, June 2002.

8. M.J. Carey et al., "Load Control for Locking: The 'Half-and-Half' Approach," Proceedings of the 9th ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems, pp. 72-84, April 1990.

9. M. Aron et al., "Cluster Reserves: A Mechanism for Resource Management in Cluster-Based Network Servers," Proc. ACM SIGMETRICS, 12 pages, 2000.

10. M. Kihl et al., "Admission Control Schemes Guaranteeing Customer QoS in Commercial Web Sites," Department of Communication Systems, Lund Institute of Technology, IFIP and IEEE Conference on Network Control and Engineering (NETCON), Sweden, 12 pages, October 2002.

11. K-D. Kang et al., "Service Differentiation in Real-Time Main Memory Databases," Proceedings of the Fifth IEEE International Symposium on Object-Oriented Real-Time Distributed Computing, 10 pages, 2002.

12. V. Kanodia et al., "Ensuring Latency Targets in Multiclass Web Servers," IEEE Transactions on Parallel and Distributed Systems, Vol. 14, No. 1, pp. 84-93, January 2003.

13. J. Huang et al., "On Using Priority Inheritance in Real-Time Databases," IEEE, pp. 210-221, 1991.

14. L. Cherkasova et al., "Session-Based Admission Control: A Mechanism for Peak Load Management of Commercial Web Sites," IEEE Transactions on Computers, Vol. 51, No. 6, pp. 669-685, June 2002.

15. T.F. Abdelzaher et al., "User-Level QoS-Adaptive Resource Management in Server End-Systems," IEEE, pp. 678-685, 2003.

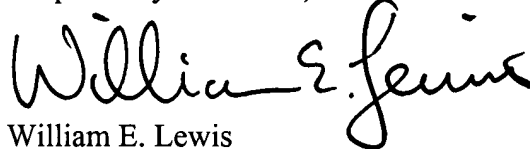
16. T.F. Abdelzaher et al., "Performance Guarantees for Web Server End-Systems: A Control-Theoretical Approach," IEEE Transactions on Parallel and Distributed Systems, Vol. 13, No. 1, pp. 80-96, January 2002.

17. J.D.C. Little, "A Proof for the Queuing Formula:  $L = \lambda W$ ," Case Institute of Technology, Ohio, pp. 383-387, 1960.

It is believed that there is no fee due in conjunction with the filing of this Information Disclosure Statement. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability, or as a representation that no other material information exists.

Respectfully submitted,

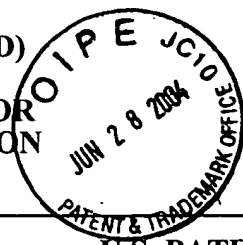


Date: June 25, 2004

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**LIST OF PUBLICATIONS FOR  
 APPLICANT'S INFORMATION  
 DISCLOSURE STATEMENT**



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
___	1. 10/316,259	12/10/02	A.N. Tantawi et al.		

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES NO
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**OTHER DOCUMENTS**

EXAMINER INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
___	1.	H-U. Heiss et al., "Adaptive Load Control in Transaction Processing Systems," Proceedings of the 17th International Conference on Very Large Data Bases, Barcelona, pp. 47-54, September 1991.
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Examiner

Date Considered

**Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**FORM PTO-1449 (MODIFIED)**

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**OTHER DOCUMENTS (cont'd.)****EXAMINER**

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INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
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| — | 10. | M. Kihl et al., "Admission Control Schemes Guaranteeing Customer QoS in Commercial Web Sites," Department of Communication Systems, Lund Institute of Technology, IFIP and IEEE Conference on Network Control and Engineering (NETCON), Sweden, 12 pages, October 2002. |
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| — | 15. | T.F. Abdelzaher et al., "User-Level QoS-Adaptive Resource Management in Server End-Systems," IEEE, pp. 678-685, 2003.   |
| — | 16. | T.F. Abdelzaher et al., "Performance Guarantees for Web Server End-Systems: A Control-Theoretical Approach," IEEE Transactions on Parallel and Distributed Systems, Vol. 13, No. 1, pp. 80-96, January 2002.  |
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